BRUHATH BANGALORE MAHANAGARA PALIKE
Dasarahalli Zone

NAME OF WORK:Maintenance of borewells at Sidedahalli village limit in Bagalagunte Ward No.14

						Est.Cost	RS	5.00	Lakhs
Sl	Description Of Item	Unit	No	L	B	D	Qty	Rate	Amount
1	Supply and delivery at site brand new Texmo / Innoval / Lubi / Sabar / Atalanta / Calamal / waterman / Radha make suitable vertical installation in 150mm dia. Borewells comprising of single stage or miultistage CF pump close coupled by means of stainless steel coupling to suitable HP suitable speed totally enclosed and filled with pure drinking water (Wet type) squirrel cage **submersible induction mortor** suitable for operation of 3Ph., 50Hz. 380/44 volts AC supply fitted with required accessories such as suction. casing, suction strainers, sand guard Non return valve etc., complete the pump and motor shall form an integral unit with all the required fittings **15HP 30 stage** SE Page No XXXXI PWD SR 2015-16							69334.00	
	15HP 30 stage	No	2				2.00	70600.00	141200.00
2	Supplying and Drawing 3 core Flat PVC Shalted **Submersible Pump** Cable Manufactured with Electrolytic Grade Copper with Flexible copper conductor to table 3 class 5 of IS 8130-1984 and Virgen PVC insulation and Sheeated Suitable for working Voltage Upto 1100 Volts as per Page No:49 item No 29C/1 PREE- SR 2011-12							164.09	
		Mtrs					1000.00	159.50	159500.00
3	Supplying and fixing 50mm Gun Metal **Non Return Valve 50MM** Nominal bore of vertical type . Sl 659, Code No 0126, PWD SR 2015-16 Page No XXIII								
		Nos	10				10.00	1145.00	11450.00
4	Supplying and fixing **50mm GM Gate Valve** Sl 673, Code No 0164, PWD SR 2015-16 Page No XXIII							1200.00	
		Nos					10.00	1600.00	16000.00
5	Supplying and fixing 160mm Borewell cap with clampset (As Per Rate approved by SE, RDED, Letter No.2081/2010-11 Dt: 28-07-2010)								
		Nos	5				5.00	690.00	3450.00
6	Supplying and fixing 50mm GI Union (As Per Rate approved by SE, RDED, Letter No.2081/2010-11 Dt: 28-07-2010)							237.12	
		Nos	10				10.00	223.70	2237.00
7	Supplying and fixing 50mm GI coller Heavy duty PRED SR 2012-13 P-III S-86								
		Nos	150				150.00	150.00	22500.00
8	Providing and fixing of 50mm G.I pipe 'C' class heavy duty foe erection of submersible pumpset (As per BWSSB Store Issued Rate)								
		Mtrs	200				200.00	374.00	74800.00

9	Supplying, fixing and wiring heavy duty low voltage capacitors confirming to I 2834, 3 PHASE 400/440 Volts grade for power factor improvement of rotating machinery capacitor in KVAR - rating Nos 2 KVAR Capacity P-354, I-34(a), BWSSB SR 2008-09.							385.00	
		Nos	2				2.00	350.00	700.00
10	Supplying and fixing miniature Circuit breakers on existing MCB distribution boards using necessary fixing materials and wiring complete as required P-350, I-13 (E, a), BWSSB SR 2008-09.							440.00	
		Nos	2				2.00	1075.00	2150.00
11	Supply 1.1 KV class UG cable from nearest BESCOM pole to panel board including earth work and road restoratio 4 core 16 sqmm. P-378, I-10(d), BWSSB SR 2008-09.								
		Mtrs	20				20.00	150.00	3000.00
12	Labour charges for laying 1.1 KV class UG cable when supplied by agencies in existing trenches GI pipe / stoneware pipe/ on pole as required, P-379, I-77 (a), BWSSB SR 2008-09.								
		Mtrs	20				20.00	5.00	100.00
13	Earthwork excavation for foundation of buildings water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in hard soil not exceeding 1.5 m. in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50 m. after breaking of clods complete as per specifications. specification. Noll KBS 2.1.C/2.9.4/2.18/2.19 (Pg. No-5, I.No2.4)								
		Cum	1	170.00	0.60	0.90	91.80	259.70	23840.00
14	Providing and installing at site of work P.V.C pipees including cost of pipes and specials and labour including lowering into trenches, laying true to line, level and perfect linking at joints leak proof including jointing of approved type with all labour and lift charges, handling charges including encasing the pipe alround to a depth not leass than 15 cms with gravel or selected earth available from the excavation etc., complete PVC pipes of 6kg/Sqm 75mm Dia.(Page NO-14, iTEM no-3.4.2 (b), of PRE SR 2011-12).								
		Rmt	1	170.00			170.00	157.00	26690.00
15	Refilling available earth around pipe lines, cables in layers not exceeding 20cms in depth, compacting each deposited layer by ramming after watering with lead upto 50m. and lift upto 1.5m. Including cost of all labour complete as per specification. (Pg. No-6, I.No-2.11)								
		Cum	Qty Vide Iteam No 19				91.80	51.41	4719.00
16	Transportation of pumping machineries PRE SR 2011-12 PG 51/10.3.19						4.00	850.00	3400.00
17	Erection of Pumping machineries PRE SR 2011-12 PG 51/10.3.20						4.00	850.00	3400.00

ellanious and rounding off						L.S		864.00
							TOTAL	500000.00

(Rupees Five Lakhs Only)

RTIFICATE:-

- Work spot has been inspected and the work is found to be necessary
- Estimate is prepared as per the BWSSB, PRED, & PWD -SR-2015-16
- Provision made in estimate are adequate and essential.
- is area comes under BBMP limits.
- pproved Data Rate Sheet Enclosed

ssistant Engineer
Ward-14

Asst. Exe. Engineer
T.Dasarahalli Sub-Division
B.B.M.P.

Exeutive Engineer
Dasarahalli Division
B.B.M.P. Bangalore.

ಪಂ.EE/DD/TS/14/2015-16 ದಿನಾಂಕ : 04/1/2016

ರೂ. 5.00 lakhs (Rupees Five lakhs only)

ಗಳ ಅಂದಾಜು ಮೊತ್ತಕ್ಕೆ ಆಡಳಿತಾತ್ಮಕ ಮಂಜೂರಾತಿ ನೀಡಿದೆ

ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು

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ಬಿ.ಬಿ.ಎಂ.ಪಿ.ದಾಸರಹಳ್ಳಿ ವಿಭಾಗ
ದಾಸರಹಳ್ಳಿ ವಲಯ, ಬೆಂಗಳೂರು